# VETTE CHATTER

**The Monthly Newsletter of the Touch Of Glass Corvette Club**

**Volume 5- Issue 4** **April 2006**


## GM Honors McKaig Chevrolet Pontiac Buick

*For The Highest Customer Satisfaction Index & The Highest Certified Training*

HAPPY EASTER

Left - Right: **Donna Cotten-Rodgers** - *GM Area Sales Mgr*, **Ken Abernathey** - *General Mgr McKaig Chevrolet • Pontiac • Buick*, **Mike McCarty** - *GM Area Service Mgr*, **Larry Aaron** - *Dealer Operator McKaig Chevrolet • Pontiac • Buick*, **Joe Cossman** - *GM Zone Mgr*, **Doyle Dougan** - *Service Mgr McKaig Chevrolet • Pontiac • Buick*, and **André Nettles** - *GM Area Parts Mgr.*


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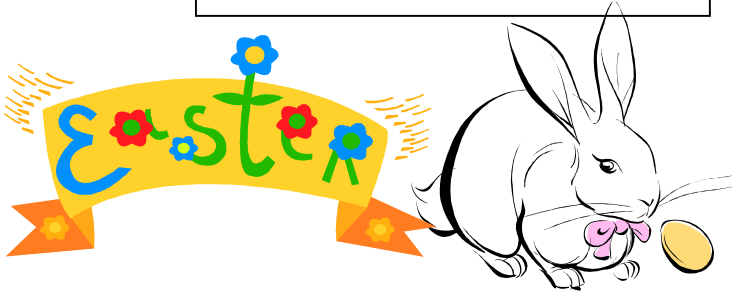


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# From the Prez

The weather is finally changing and TOGCC will be in full swing with a full dose of Corvette spring fever *CRUISIN BLUES.* I know we are still be in store for some rain in April and May but there will be plenty of good sunny weekends with rain only during the week. That means we go Cruisin!!! So dig out you favorite Bonnie Raitt, Kenny Wayne Shepherd, BB King or who is that guy, oh yeah Jimmy Buffet and get that good feeling going to be with the one you love and cruise. Man I got lost in the moment. **Hey HERMAN its your lucky day…… Get your doo rag on were taking the top out and going for a ride!!** She loves to hear me talk like that. I look forward to seeing ya'll at our next cruise.

On a more serious note I would like to thank McKaig Chevrolet, Pontiac, Buick in Gladewater for coming on board as the Touch Of Glass Corvette Club primary sponsor. I stopped in to introduce myself and visited with Larry Aaron General Manager and his staff at the dealership. They are were very enthused about TOGCC and they are looking forward to meeting everyone at our next club meeting. Show your support and visit the dealership if you are interested in a car purchase or parts and service. We look forward to a great relationship.

As discussed at several months club meetings membership renewals were due by March's meeting. In an effort to extend everyone adequate time to renew and control club expenses will only be sending 2006 paid members or new joining members newsletters throughout the remainder of 2006. Our membership is strong with ninety members and over seventy Corvettes. We will be sending a flyer to all Corvette enthusiasts form 2005 letting them know we would love to have them join us again in 2006. Let's talk to those Corvette folks we see around town and let them know about the club too.

We need to thank our neighbors from River Cities Corvette Club for another great afternoon of CORVETTE SHOWING FUN! There were several members that went to the Red Rivers Chevrolet Show and Shine. RCCC always does a great job, not only did they feed everyone lunch but the door prizes were great along with AWARDS. RCCC thanks for a great day.

Its got to be time for another tech day. I would just like to give ya'll an update on the "Busted Knuckle Shop". Allen Bales and Larry Horn have been an inspiration on drawing out hidden talents I never knew existed. They along with several other members have contributed more that I could have imagined. They have convinced me to do things and have lent their expertise to assure things were done right. I thank you all for that.

The showcase bay is coming along nicely. After several design changes the tile work was completed this past weekend, a white center with red and black boarders and a five foot by two foot C5 Corvette logo all in ceramic tile.

*Russ Shepard*

## COME ON OVER FOR A TECH DAY

"Let's Roll"

## TOGCC TECH TIPS

# CLUB INFO

1 Welcome to all our new club members .

2 Russ Shepard won 50\50 drawing at March meeting and donated his winnings to the ETAN ....Sheryl Caraway ,last months winner also donated her winnings to the ETAN .....THANKS !!!!!!!!!!

3 TOGCC has formed a activities committee to help Clinton on club activities If you have any suggestions contact these folks . All contributions WELCOME .....

4 Russ ,his brother and Heath have been working on web site . Check it out at TOGCC.ORG

5 IF you hadn't paid your 2006 dues , send your money to Linda Spicer at TOGCC.PO BOX 4581,LONGVIEW ,TEXAS75601. 2006 will be an exciting year with many events planned

RUSS PRESENTED HEATH A PLAQUE FOR BEING WEBB MASTER FOR 3 YEARS ...THANKS HEATH

## TOGCC Advertising

**Terrell's Barber Shop**
**1307 Alpine Rd.**
**Longview, TX 75601**
**903-753-2517**
***Terrell Mayhall Owner***

**Bud's Discount Tire**
**Highway 80 East**
**Gladewater TX. 75647**
**903-845-5186**
***Bud Mahaffey Owner - Operator***

**J&A Builders**
**Custom Homes & Masonry Work**
**Brick - Stone - Tile**
***Avinger*** ***White Oak***
***James Bales*** ***Allen Bales***
***903-562-1540*** ***903-759-8966***

Ed was expecting warmer weather

His Hawaiian shirt and shorts were not quite warm enough!

That sure is a cute blanket ED!!!!

## TOGCC SUPPORTS LONGVIEW HIGH SCHOOL FOOD FEST DAY

*Longview High School contacted TOGCC and asked if we would be interested in displaying our Corvettes at a fund raiser held for the different clubs within the school. TOGCC members responded with ten Corvettes that showed up for the display. I really believe it was the name of the event that brought them all out "FOOD FEST" Thanks to everyone who participated to support our local community.*

**Allen's Corvette**

**Trivia**

1 What was the last year of the wide whitewall tires

2 What year corvette had the first factory installed side mounted exhaust system?

*Co Sponsored by*

CINDY BAGLEY

CINDY'S TRAVEL EMPORIUM,INC

PO BOX 5026

LONGVIEW TEXAS 75608

903 725 7555

C.bagley@att.net

## Red River Chevrolet Show & Shine

It was a perfect day for a car show. TOGCC members from Tyler and Longview meet at Loop 281 and I-20. We pulled out of Longview with 14 cars headed for Shreveport to Red River Chevrolet to meet up with River Cities Corvette Club for a Show & Shine. There were 52 Corvettes present. Red River Chevrolet and RCCC did a great job providing a barbecue lunch for everyone and lots of door prizes. Corvette coolers, hats sun glasses, chairs, etc. nice job!

The cars all were beautifully polished up and ready to go. RCCC member Larry Horn (also a TOGCC member) won one of the "Top Three" awards. Other awards went to Owen Whatley and Robert Buchanan. After the car show we headed for Superior

# TOGCC CLUB APERRAL

**TOGCC has cool club stuff for sale like CAPS ,T SHIRTS , POLO SHIRTS, CLUB FLAGS ,and DECALS, and WINDSHIELD CLING DECALS for your car .See Larry Horn or Russ Shepard ,,,,,,,**

**Diagnostic Basics**

The ability to view engine-operating data, such as oil pressure and coolant temperature, in digital form on the instrument panel has been a feature of Corvettes since 1984. Starting in model year 1992 (MY92), the C4 IP would even display limited diagnostic data relating to the car's on-board computer systems.

C5's capacity to do that is significantly expanded. The new car has 11 computer "modules" that transmit diagnostics: Powertrain Control Module (PCM),Traction Control System (TCS, which combines traction control, ABS and, on cars built after 12/15/97, the optional Active Handling System), Real Time Damping (RTD), Body Control Module (BCM), Instrument Panel Cluster (IPC), radio, heating-ventilation-air conditioning (HVAC), Left Door Control Module (LDCM), Right Door Control Module (RDCM), Seat Control Module (SCM) and Remote Function Actuation (RFA).

The IPC display, the 20-character, vacuum-fluorescent screen above the steering column that says "Corvette by Chevrolet" every time you start the car, is a powerful device. Its primary function is to display warning and status messages from the modules. For cars built before 12/15/97, there are 48 of these warning/status messages. A few additional messages come from cars built after that date and equipped with the Active Handling option. A list of the warning/status messages can be found in your Owner's Manual or in the Service Manual for your model year.

The IPC can display powertrain operating information and tire pressures by simply pressing different buttons on the Driver Information Center (DIC) to the right of the instrument panel. In addition, using the "options" button, you can configure the C5's keyless entry and security systems. Use of the IPC and DIC for these purposes is discussed in your Owner's Manual

DIY Service Techs will be most interested in the IPC's display of diagnostic trouble codes (DTC) for all modules that transmit them. The "diagnostic display" mode is entered with the following procedure: 1) turn on the ignition but don't start the engine. 2) press the "reset" button to turn off any warning messages 2) press and hold "options" and 4) while holding "options", press "fuel" four times within a 10-second period.

Initially, on-board diagnostics go into "automatic" mode which shows DTCs in a pre-set sequence: PCM-TCS-RTD-BCM-IPC-radio-HVAC-LDCM-RDCM-SCM-RFA. For each module, all DTCs will be displayed. If none are present in a module, you will see "no more codes" on the ICP display.

There are two kinds of DTCs, "current" and "history," designated with a letter suffix, "C" or "H". A current code indicates a malfunction is present in the system whose module is displaying data. A history code indicates a problem existed sometime in the last 40 or 50 ignition cycles. When not accompanied by a current code of the same number, it's possible evidence of a previous problem, now solved, that was not removed by clearing codes. More likely it indicates an intermittent malfunction.

"Intermittents" are the most challenging DTCs. An intermittent may have happened once, may have happened more than once but is inconsistent in its appearance or may be happening on a regular basis but not at the time the IPC is displaying codes. History codes can also be caused by a current malfunction in a system that is not operating at the time DTCs are displayed. An example is the rear window defogger which doesn't operate until the BCM detects engine rpm. For history codes set by a system that does not operate with the key on and engine off, a special diagnostic tool called a "scan tester" is necessary to properly diagnose the malfunction.

Once the IPC has displayed all modules, the system goes into the manual mode which allows selection of each module using combinations of DIC buttons. Manual mode can also be entered during the automatic sequence by pressing any button except "E/M". Once the IPC displays "manual diagnostics," select a module by pressing the "options" button to go forward or the "trip" button to go back. Once a system is selected and a DTC is displayed, if more than one are present; press "gages" to go forward or "fuel" to go back.

To exit the diagnostic mode at any time, press "E/M". If you want to erase or "clear" codes, press "reset." Clearing a code does not repair a problem. You are simply erasing the evidence of it in the module's memory.

Once you have DTCs, the next question is: What to do with the information? First, consult the factory service manual. Any serious C5 DIY should invest in the Corvette Service Manual of the appropriate model year. Unfortunately, it is an expensive set of three books totaling (1997 edition) 3890 pages and stacking 4 1/4 inches high. In spite of its cost and size, the Service Manual is a requirement if you want to understand and work on your C5. They are available through Chevrolet dealers and mail order sources, such as Ecklers and Mid America.

# CLUB ACTIVITIES

4 –1-06 TEXAS FRESHWATER FISHERIES AND LAKE ATHENS MARINA . WE SHOULD MEET IN TYLER AROUND NOON AT WHATABUGER \EXXON ON HY 271AND LOOP 323 . THEN CRUISE TO FISHERIES . THE COST IS $5 PER PERSON ,THEN OVER TO LAKE ATHENS MARINA FOR DINNER

4-4 06 TOGCC MONTHLY MEETING

4-13-06 CORVETTE NIGHT AT WHATABUGER IN TYLER . TO GET FRONT ROW PARKING NEED TO GET THERE EARLY....

4-15-06 TECH DAY AT BUESTED KNUCKLE AFTER BREAKFAST AT BUTCHER SHOP.

4-20\23-06 HOT SPRINGS CORVETTE SHOW .MEET AT ELLIS POTTERY AT 7;AM AND THEN MEET TYLER GROUP AT DAVID BEARDSAT 7;45 ON 155 AND CRUISE TO HOT SPRINGS..... WATCH FOR E MAILS

NELL READIING OUR CLUB MINUTES

STOP IN AT TOGCC SPONCER McKAIG CHEVROLET

***FOR SALE - Stereo Equipment***

Alpine V Power Class D 700 Watt AMP (MRP-350) with ProBox Rocks depth charge speakers ET AL, Fits C5 Corvette.

Must Sell, need more money for Shreveport & Vegas. $500.00 or best offer.

Contact: *Doin Tipton 903-297-1119 (Home), 903-235-2130 (Cell)*

Monthly Club Meeting

Tuesday APRIL 4,2006

Location: David Beards

Catfish Village Gilmer Rd

Time: 6:30 p.m. SEE YOU THERE!!!!!!!

## *Vette Tech Cont.*

Using one of the C5s we used to prepare this series, we simulated a fault in the #1 throttle position sensor (TPS) by disconnecting it while the engine was running. This enabled the "reduced power mode", turned on the malfunction indicator light (MIL), set DTC P1120 and caused the IPC to display "service vehicle soon."

Turn to Section 6: Engine Controls in the Service Manual and look up the DTC in question. Read the preliminaries, including the diagnostic aids and take the actions they suggest, then, move to Step One of the diagnostic procedures. Of course, after we were done with our photos, we simply reconnected the TPS harness and cleared codes. Few DTC situations are as simple as that.

The diagnostics for some DTCs call for a scan tester. Also known as "scan tools" or "scanners," these units are really hand-held diagnostic computers. A little larger than a portable cassette recorder, powered by the car battery and connecting to the diagnostic link connector (DLC); they "scan" computer module data and display it on a small screen. Scan testers are operated by a small keypad. Software is usually in plug-in cartridges covering a specific model year.

Where you might get stuck needing one of these pieces of equipment is when the Service Manual calls for operating a specific system with a scan tester for test purposes or reading a module's "freeze-frame" or "failure records". If you are trying to solve a DTC, determine that a scan tester is required but don't have access to one; take the car to a service facility for repairs.

# VETTE CHATTER

## The Monthly Newsletter of the Touch Of Glass Corvette Club

2005 TOGCC

**Officers / Other Positions**

| | | |
|---|---|---|
| Russ Shepard | President | 903-663-5362 |
| Roy Arnold | Vice President | 903-663-1850 |
| Nell Horn | Secretary | 903-759-7615 |
| Linda Spicer | Treasurer | 903-297-0166 |
| | Membership/Administrator | |
| Chuck McGregor | NCM Ambassador | 903-297-2707 |
| Allen Bales | Newsletter Editor | 903-759-8966 |
| Clinton Hearn | Activities Director | 903-593-1869 |
| Nelda Arnold | Courtesy Card Coordinator | 903-663-1850 |
| Jim Spearman | Website Administrator | 903-759-4896 |
| Wayne White | Public Relations | 903-663-2916 |
| Larry Horn | Club Shirts | 903-759-7615 |

**Website: TOGCC.org**

The deadline for all newsletter articles will Be the 20th. Of each month. Call ALLEN BALES @903 759 8966 THANKS

*All Contributions Welcome*

Allen's Corvette Trivia Answer

1 1961

2 1965 759 were ordered

Touch Of Glass Corvette Club
P.O. Box 4581
Longview, Texas 75606-4581

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